Philips Medical Systems

FIELD CHANGE ORDER — Service

Issued by	:	DMC Hamburg	**Reference No.**	:	00 135 008
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Publication No.	:	4512 980 57911	**Product Group**	:	742

action for performance

OPTIMUS 50 / 65 / 80 RAD

APPLIES TO:

All OPTIMUS 50/65/80 RAD generators with Rotor Control high speed

9890 000 02001 in combination with 9890 000 02211

Serial numbers of generators concerned
940002
940009
940104 – 940207
950005 – 950666
960001 – 960093
961001 – 961047
962999

TITLE:

Replacement of OPTIMUS Rotor Control HS
9890 000 02211 - 4512 104 33791/2

LIST OF PAGES & DRAWINGS:

1...3 (99.0)

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INTRODUCTION:

Symptom : Field replacement of Rotor Control HS unit 9890 000 02211 (4512 104 33791/2)

Cause : The first type of Rotor Control HS unit (4512 104 3379x) was delivered without all possible interference suppression improvements. The inteferences from Rotor Control HS unit can cause different generator errors up to generator hang ups without obvious reasons.

Remedy : Replacement of the Rotor Control HS unit.

MANPOWER / TIME TO COMPLETE:

2.5 hours 1 engineer

TOOLS & TEST EQUIPMENT:

Standard tool set
Service PC with XRGScope
Inductivity measuring device 4512 101 77141 or obtain locally

MODIFICATION KIT / PARTS REQUIRED:

For all generators mentioned under APPLIES TO the following parts can be ordered at SL Hamburg.

Rotor Control HS replacement kit	4512 104 91191

comprising

- Rotor Control unit	4512 104 71461
including Software Rotor Control HS	4512 113 22322
Instruction manual	4512 984 22421
This FCO	4512 980 57911

Note
The replacement kit will be available Free Of Charge till the end of April 2000 at the spare part centre in Hamburg.

PROCEDURE:

- Measure the stator inductivity
- Download Error Trace index table
- Remove the installed Rotor Control unit
- Install the new Rotor Control unit
- Load up the Rotor Control firmware data
- Check all applicable Exposure functions
  Procedure is described detailed in instruction manual delivered with the modification kit.
- Feedback info via Fax and/or E-mail

PARTS DISPOSAL:

All parts are to be disposed of in a safe way in accordance with local Safety Regulations.

DOCUMENTATION:

File this FCO and the instruction manual in binder:
OPTIMUS under Tab 8 – Service Information

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FCO ACTION NOTIFICATION REPORT
For local SSD use only; do not return to PMG.

TITLE : ***Replacement of OPTIMUS Rotor Control HS***	
CLASSIFICATION : ***Action for Performance***	FCO REF. NO.: ***00 135 008***
APPLIES TO : ***All OPTIMUS RAD generators in combination with Rotor Control 9890 000 02211***	

HOSPITAL / ADDRESS :

LOCATION / FW SITE NO.:	SALES ORDER NO. / OA NO.:

PRODUCT NUMBER : | 9 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |

UNIT SERIAL NUMBER :

ACTION ON THIS UNIT WAS: (select one)

JOB NO. / SERVICE INCIDENT NO.:

☐ Completed per instruction on _____ DATE

☐ Completed by the factory prior to delivery.

☐ Not completed as this unit is not affected per instruction because: (state reason)

_____

☐ Not completed because customer has unit in storage.
Required parts & instructions received by the customer.

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).

The **REASON and PURPOSE** of this modification have been explained to me.

_____ CUSTOMER NAME (PLEASE PRINT)

_____ TITLE

_____ CUSTOMER SIGNATURE

_____ DATE

BRANCH
REGION /
DEALER : _____

SERVICE UNIT /
SERVICE AREA NO.: _____

_____ SIGNATURE CUSTOMER SUPPORT ENGINEER

_____ DATE

_____ SIGNATURE CUSTOMER SUPPORT MANAGER

MAIL TO : SSD Customer Support Manager

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FCO 00 135 008 Replacement kit delivery plan

Kit No. 4512 104 91191

	kits required	1999 Jul.	Aug.	Sept.	Oct.	Nov.	Sum
Australia	**21**		**10**		**11**		**21**
Belgium	**2**		**2**				**2**
Brasil	**2**					**2**	**2**
Canada	**7**		**7**				**7**
Chile	**4**					**4**	**4**
China	**1**				**1**		**1**
Danmark	**4**				**4**		**4**
Finland	**3**				**3**		**3**
France	**13**	**6**		**7**			**13**
Germany	**176**	**35**	**35**	**35**	**35**	**36**	**176**
Greece	**3**				**3**		**3**
Hongkong	**4**				**4**		**4**
India	**2**					**2**	**2**
Israel	**9**	**5**		**4**			**9**
Italy	**3**		**3**				**3**
Japan	**1**				**1**		**1**
Jordan	**4**				**4**		**4**
Kenia	**1**					**1**	**1**
Malaysia	**5**			**5**			**5**
Malta	**1**				**1**		**1**
Netherlands	**49**	**10**	**10**	**10**	**10**	**9**	**49**
New Zealand	**3**		**3**				**3**
Norway	**3**	**3**					**3**
Austria	**10**	**5**		**5**			**10**
Portugal	**5**					**5**	**5**
Republik of Korea	**5**					**5**	**5**
Saudi Arabia	**1**			**1**			**1**
Switzerland	**15**		**10**			**5**	**15**
Singapore	**6**					**6**	**6**
Spain	**2**	**2**					**2**
Thailand	**4**	**4**					**4**
Turkey	**1**			**1**			**1**
United Arab Emirates	**2**			**2**			**2**
United Kingdom	**30**	**10**		**10**		**10**	**30**
USA	**89**	**20**	**20**	**20**	**20**	**9**	**89**
Sum	**491**	**100**	**100**	**100**	**97**	**94**	**491**